A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 **For Week Ended** October 5, 1984 **NO.** 40

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/05/84	Last Week Ending: 09/28/84	Last Year Week Ending: 10/07/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units *	12,248	12,475	12,335	-227	-87
Operable capacity	16,074	16,074	16,294	0	-220
Percent operated	76.2	77.6	75.7		
Motor Gasoline					
Total motor gasoline production	6,415	6,692	6,391	-277	24
Finished leaded motor gasoline production	2,411	2,476	2,796	-65	-385
Finished unleaded motor gasoline production	4,004	4,216	3,595	-212	409
Total motor gasoline stocks	228,431	229,074	228,504	-643	-73
Finished leaded motor gasoline stocks	84,558	84,491	95,447	67	-10,889
Finished unleaded motor gasoline stocks	105,067	105,304	94,102	-237	10,965
Distillate Fuel Oil					
Distillate fuel oil production	2,782	2,745	2,678	37	104
Distillate fuel oil stocks	144,175	142,212	157,497	1,963	-13,322
Residual Fuel Oil					
Residual fuel oil production	863	940	717	-77	146
Residual fuel oil stocks	47,808	47,308	47,310	500	498
Imports					
Crude oil imports	3,724	3,482	3,283	242	441
Product imports	1,891	1,893	1,865	-2	26
Crude Oil Stocks					
Crude oil stocks	331,262	329,692	349,450	1,570	-18,188

* Scheduled and unscheduled shutdowns caused decreases of 150,000 bbl. per day in the East Coast District and 138,000 bbl. per day in District 5 (West Coast).

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,027	945	945	1,405	67.3
Appal. No. 1	96	91	92	115	80.0
DISTRICT 1 TOTAL	1,123	1,036	1,037	1,520	68.2
Appal. No. 2	65	61	61	66	92.4
Ind., Ill., Ky.	1,783	1,711	1,720	2,309	74.5
Minn., Wis., Daks.	301	285	294	303	97.0
Okla., Kans., Mo.	782	665	684	755	90.6
DISTRICT 2 TOTAL	2,931	2,722	2,759	3,433	80.4
Inland Texas	553	500	503	615	81.8
Texas Gulf Coast	3,455	2,978	3,032	3,837	79.0
La. Gulf Coast	2,320	2,106	2,116	2,562	82.6
N. La. and Ark.	163	153	154	302	51.0
New Mexico	78	65	65	114	57.0
DISTRICT 3 TOTAL	6,569	5,802	5,870	7,430	79.0
DISTRICT 4 TOTAL	464	437	439	537	81.8
DISTRICT 5 TOTAL	2,239	2,137	2,143	3,154	67.9
TOTAL U.S.	13,326	12,134	12,248	16,074	76.2
TOTAL U.S.					
Weeks Ended:					
SEP. 28, 1984	13,563	12,366	12,475	16,074	77.6
OCT. 7, 1983	12,591	12,067	12,335	16,294	75.7
DISTRICTS 1-4					
Weeks Ended:					
OCT. 05, 1984	11,087	9,997	10,105	12,920	78.2
SEP. 28, 1984	11,186	10,102	10,194	12,920	78.9
OCT. 7, 1983	10,636	10,100	10,315	13,234	77.9

API WEEKLY STATISTICAL BULLETIN
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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	458	103	355	14	47	213	100
Appal. No. 1	41	15	26	2	--	26	2
DISTRICT 1 TOTAL	499	118	381	16	47	239	102
Appal. No. 2	36	11	25	--	3	15	2
Ind., Ill., Ky.	985	375	610	13	79	351	27
Minn., Wis., Daks.	135	73	62	4	20	68	6
Okla., Kans., Mo.	410	228	182	13	29	143	18
DISTRICT 2 TOTAL	1,566	687	879	30	131	577	53
Inland Texas	292	151	141	33	35	123	27
Texas Gulf Coast	1,621	522	1,099	35	217	769	205
La. Gulf Coast	1,074	366	708	27	261	496	116
N. La. and Ark.	28	20	8	6	--	50	5
New Mexico	30	17	13	11	2	17	--
DISTRICT 3 TOTAL	3,045	1,076	1,969	112	515	1,455	353
DISTRICT 4 TOTAL	249	144	105	16	23	124	8
DISTRICT 5 TOTAL	1,056	386	670	47	206	387	347
TOTAL U.S.	6,415	2,411	4,004	221	922	2,782	863
TOTAL U.S. Weeks Ended:							
SEP. 28, 1984	6,692	2,476	4,216	242	872	2,745	940
OCT. 7, 1983	6,391	2,796	3,595	184	828	2,678	717
DISTRICTS 1-4 Weeks Ended:							
OCT. 05, 1984	5,359	2,025	3,334	174	716	2,393	516
SEP. 28, 1984	5,671	2,053	3,618	188	636	2,336	582
OCT. 7, 1983	5,446	2,399	3,047	128	623	2,359	453

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,455	2,497	2,957	1	125	717	9,630	1,187	--
Central Atlantic	30,484*	11,422*	14,352*	4,710	310	4,978	32,218	20,471	12,244
Lower Atlantic	27,220	10,632	16,311	277	238	4,206	16,520	3,958	452
DISTRICT 1 TOTAL	63,159*	24,551*	33,620*	4,988	673	9,901	58,368	25,616	12,696
DISTRICT 2 TOTAL	64,844	27,956	29,541	7,347	1,469	9,609	37,840	3,491	18,910
DISTRICT 3 TOTAL	67,723	20,926	29,120	17,677	2,601	13,580	33,408	9,351	50,372
DISTRICT 4 TOTAL	6,364	2,883	1,971	1,510	353	689	3,681	541	2,682
DISTRICT 5 TOTAL	26,341	8,242	10,815	7,284	1,799	5,548	10,878	8,809	24,547
TOTAL U.S.	228,431	84,558	105,067	38,806	6,895	39,327	144,175	47,808	109,207
TOTAL U.S.									
Weeks Ended:									
SEP. 28, 1984	229,074*	84,491*	105,304*	39,279	6,826	38,546	142,212	47,308	108,696
OCT. 7, 1983	228,504	95,447	94,102	38,955	6,720	32,993	157,497	47,310	114,061
DISTRICTS 1-4									
Weeks Ended:									
OCT. 05, 1984	202,090	76,316	94,252	31,522	5,096	33,779	133,297	38,999	84,660
SEP. 28, 1984	202,634*	76,207*	94,431*	31,996	4,980	32,746	131,340	38,445	84,420
OCT. 7, 1983	200,073	86,250	82,758	31,065	5,111	27,100	147,081	38,974	90,288

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components

[2]Includes Grade No. 4 fuel oil

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended October 5, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy May 1984	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
OCT. 05, 1984	5,935.0	6,015.0	3,602	274	258,749
SEP. 28, 1984	5,935.0	--	3,366*	224	256,259*
SEP. 21, 1984	5,935.0	--	2,924	230	255,344
SEP. 14, 1984	5,935.0	--	3,259	339	260,693
DISTRICT 5 TOTAL					
OCT. 05, 1984	2,899.9	2,898.0	122	--	72,513 ‡
SEP. 28, 1984	2,899.9	--	116	--	73,433*
SEP. 21, 1984	2,899.9	--	173	--	71,770
SEP. 14, 1984	2,899.9	--	234	6	77,246
TOTAL U.S.					
OCT. 05, 1984	8,834.9	8,913.0	3,724	274	331,262 ‡
SEP. 28, 1984	8,834.9	--	3,482*	224	329,692*
SEP. 21, 1984	8,834.9	--	3,097	230	327,114
SEP. 14, 1984	8,834.9	--	3,493	345	337,939
OCT. 7, 1983	8,784.0/a	--	3,283	237	349,450

‡INCLUDES 22,233 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. *

/a - DOE actual for September 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
OCT. 05, 1984	14,491	73,971	156,268	14,019	258,749	72,513 ‡	331,262 ‡
SEP. 28, 1984	14,426*	72,934	155,160	13,739	256,259*	73,433*	329,692*
OCT. 7, 1983	16,095	76,482	160,320	12,977	265,874	83,576	349,450

[1]See definitional notes, Page 6.
* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended October 5, 1984

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	84	15	9	--	--	108
Central Atlantic	317	59	258	54	33	231	189	--	--	35	859
Lower Atlantic	43	11	32	--	13	30	39	--	--	--	125
DISTRICT 1 TOTAL											
OCT. 05, 1984	360	70	290	54	46	345	243	9	--	35	1,092
SEP. 28, 1984	258	103	155	--	--	264	459	36	--	75	1,092
SEP. 21, 1984	344	199	145	--	32	379	437	--	--	51	1,243
SEP. 14, 1984	396	172	224	--	28	126	540	3	--	99	1,192
DISTRICTS 2–4 TOTAL											
OCT. 05, 1984	25	17	8	--	--	10	85	103	274	216	713
SEP. 28, 1984	21	5	16	--	--	--	124	105	55	399	704
SEP. 21, 1984	53	16	37	--	--	17	84	72	126	53	405
SEP. 14, 1984	45	45	--	--	1	8	60	101	84	99	398
DISTRICT 5 TOTAL											
OCT. 05, 1984	12	2	10	--	3	6	13	10	25	17	86
SEP. 28, 1984	18	6	12	--	--	23	13	9	8	26*	97*
SEP. 21, 1984	21	2	19	--	--	7	4	9	15	44	100
SEP. 14, 1984	19	--	19	--	--	15	15	12	6	30	97
TOTAL U.S.	397	89	308	54	49	361	341	122	299	268	1,891
TOTAL U.S. Weeks Ended:											
SEP. 28, 1984	297	114	183	--	--	287	596	150	63	500*	1,893*
SEP. 21, 1984	418	217	201	--	32	403	525	81	141	148	1,748
SEP. 14, 1984	460	217	243	--	29	149	615	116	90	228	1,687
OCT. 7, 1983	292	163	129	--	45	248	797	112	204	167	1,865

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

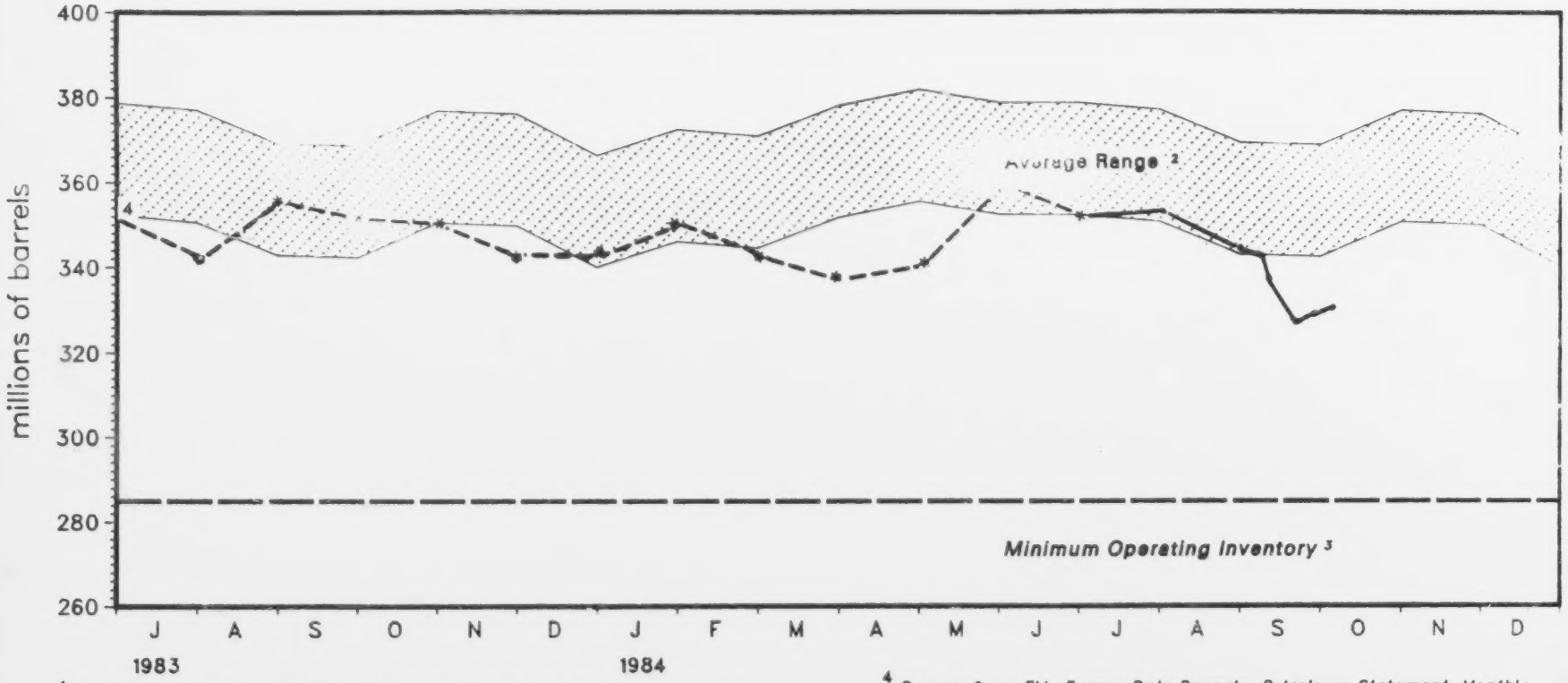
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: OCT. 05, 1984

REVISIONS

09/28/84	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	31,918
			DISTRICT 1 TOTAL	63,272
			TOTAL U.S.	229,074
			DISTRICTS 1-4	202,434
		LEADED MGAS	CENTRAL ATLANTIC	11,867
			DISTRICT 1 TOTAL	25,140
			TOTAL U.S.	84,491
			DISTRICTS 1-4	76,207
		UNLEADED MGAS	CENTRAL ATLANTIC	14,598
			DISTRICT 1 TOTAL	32,427
			TOTAL U.S.	105,304
			DISTRICTS 1-4	94,431
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	3,366
			TOTAL U.S.	3,482
		CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	256,259
			DISTRICT 5 TOTAL	73,433
			TOTAL U.S.	329,692
		ALASKAN CRUDE OIL	DISTRICT 5 TOTAL	25,160
	PAGE 4 B	TOTAL	PAD DISTRICT 1	14,426
			TOTAL PAD DISTRICTS 1-4	256,259
			PAD DISTRICT 5	73,433
			TOTAL U.S.	329,692
	PAGE 5	OTHER	DISTRICT 5 TOTAL	26
			TOTAL U.S.	500
		TOTAL	DISTRICT 5 TOTAL	97
			TOTAL U.S.	1,893

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

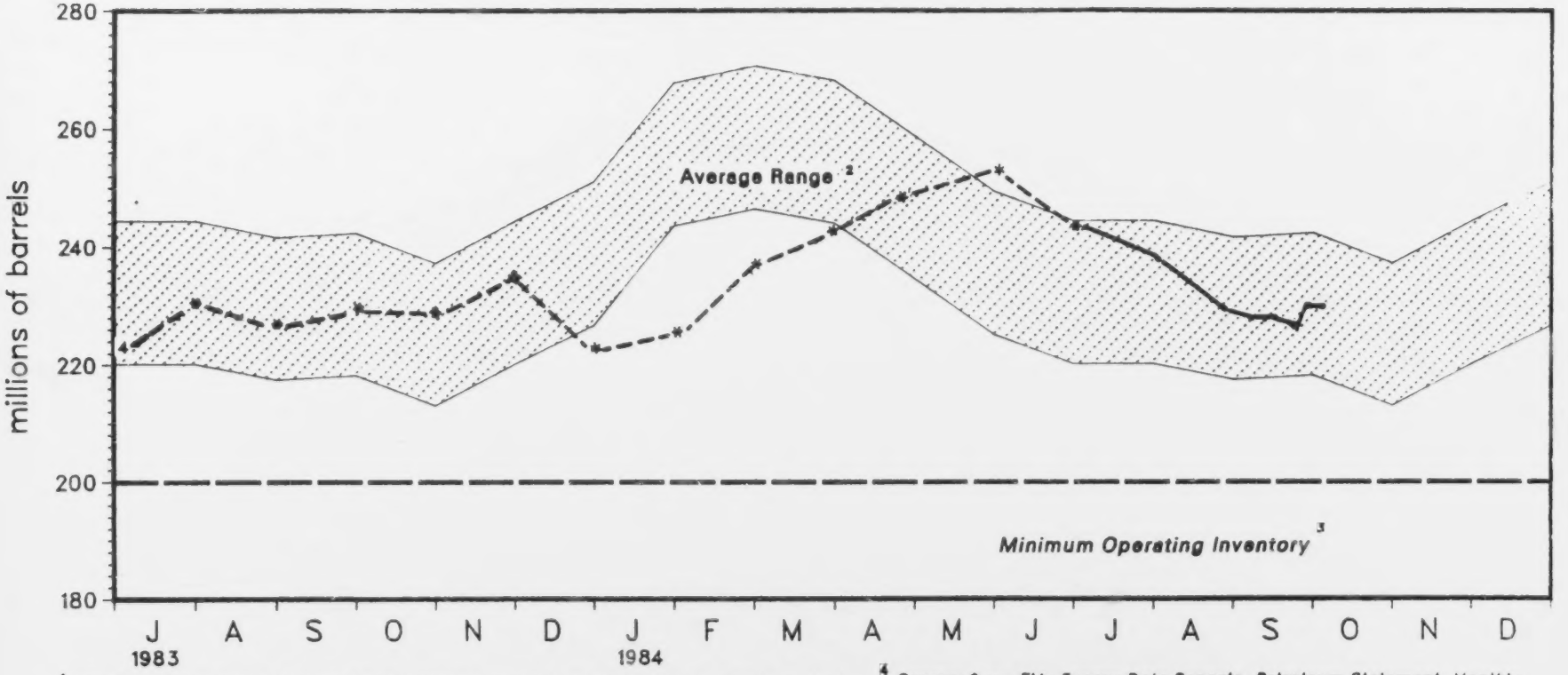
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
** — API, Weekly Statistical Bulletin.*

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

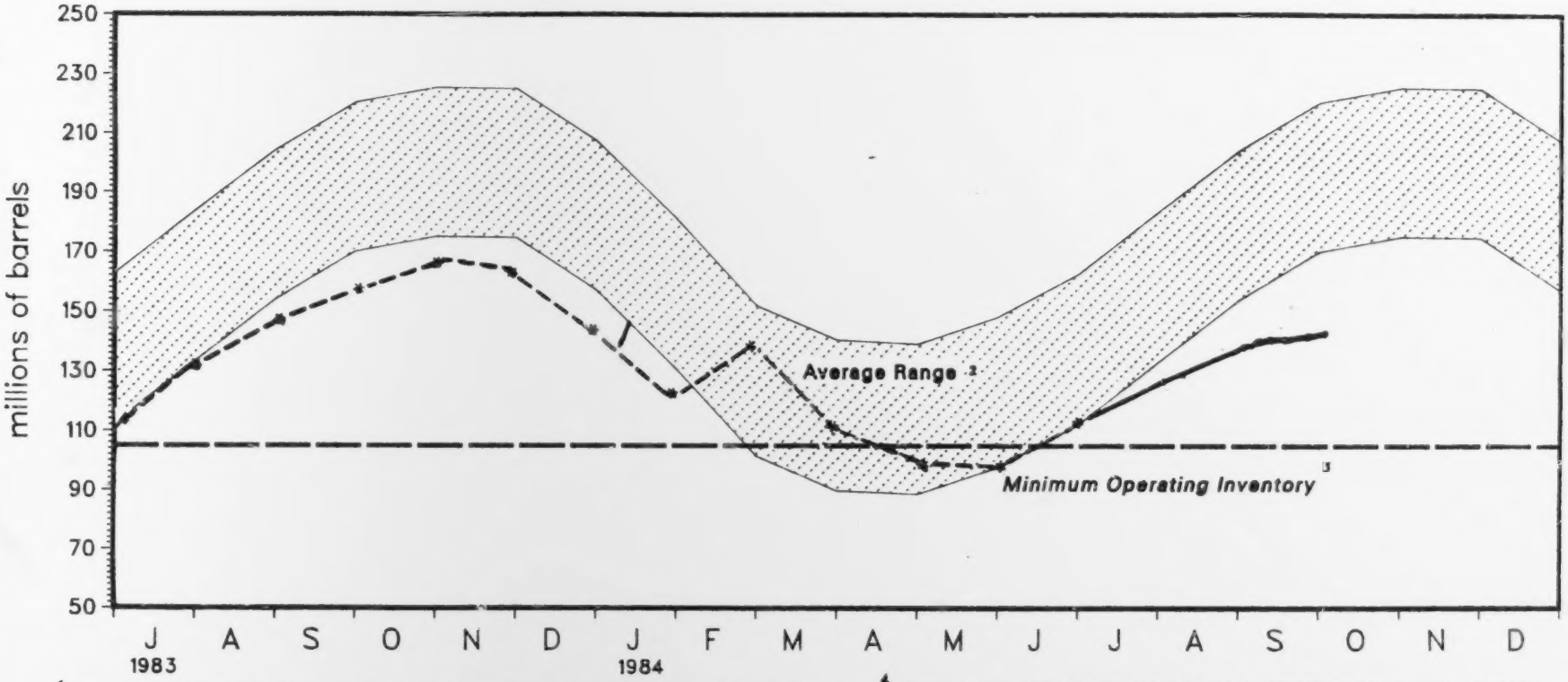
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on six years of monthly data: January 1978 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*